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<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>  Mail Stop: <b>AMENDMENT</b>  Express Mail Receipt No.  Total Number of Pages in This Submission	Application / Conf. No.	10/618,329 / 5287
	Filing Date	July 11, 2003
	First Named Inventor	Andy T. Nguyen
	Examiner Name	Unknown
	Art Unit	2816
	Patent No.	
Attorney Docket Number		X-1464 US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit(s)/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Change Status to LARGE ENTITY <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Substitute PTO-1449(s) IDS by Applicant (PTO/SB/08A) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (with Recordation Cover Sheet) <input type="checkbox"/> Declaration / Oath <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition -  <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; height: 50px; width: 100%;"></div>
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IN THE UNITED STATES PATENT OFFICE

Applicant: Andy T. Nguyen  
Assignee: Xilinx, Inc.  
Title: Counter-Based Clock Doubler Circuits and Methods with Optional  
Duty Cycle Correction and Offset  
Serial No.: 10/618,329 File Date: 7/11/2003  
Examiner: Cassandra F. Cox Art Unit: 2816  
Docket No.: X-1464 US Conf. No.: 5287

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AMENDMENT IN RESPONSE TO FIRST OFFICE ACTION

In response to the Office Action mailed September 8, 2004, Applicant submits the following amendments and remarks.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 9 of this paper.